

QuSector 7V-120-6 Wi-Fi 6E

QuSector 7V-120-6 offers a 120 degrees, 7dBi signal gain. It is a perfect indoor and outdoor device for industrial installations. Wi-Fi 6E support!

QuSector 7V-120-6 is a concurrent triple band, Vertical polarity, panel antenna. It operates at **2.4GHz, 5GHz and 7GHz simultaneously with 7dBi** gain. It is a futureproof solution with Wi-Fi 6E support.

Due to its medium gain, it can be used on short or medium distances, for example for hotspots in schools, stadiums, offices or public places. High quality injection moulded enclosure is characterized by a wide range of applications: from indoor through mobile devices to the outdoor (IP67) ones. Wide frequency range (2.4-2.5GHz & 5.0-7.125GHz) helps to find suitable frequency for the most effective operation. The antenna comes in three versions: with 6*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC connectors.

 **Wi-Fi 6E**
2.4GHz + 5GHz
6GHz + 7GHz
7 dBi
DIRECTIONAL
IP 67
-40° TO +80°

ANTENNA **PERFECTLY MATCHED** WITH
THE ACCESS POINT



ADJUSTABLE, POLE MOUNTING
SYSTEM



MADE IN **EUROPE**



WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.125 GHz
GAIN	2.4 - 2.5 GHz: 7 dBi 5.0 - 7.125 GHz: 7 dBi
VSWR	<1.80
BEAMWIDTH	120°/60° 120°/90°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
SEPARATION BETWEEN CONNECTORS	>30dB
FRONT-TO-BACK	20dB
MAX INPUT POWER	50W
DC GROUND	Yes

MOUNTING KIT

MATERIAL	Galvanized
WEIGHT	0.87 kg
MOUNTING PLACE	Mast
MAST DIAMETER	25-60mm 0.98-2.36 inch

MECHANICAL SPECIFICATION

MATERIAL	ABS
CONNECTOR	6xRPSMA/6xNM/6xRPTNC
OUTER DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
WEIGHT	1.8 kg
OPERATING TEMPERATURE	-40°C to +80°C -40°F to 176°F

COMPATIBLE ROUTERS

VARIANT: S7V.120.6RS

ACKSYS	AirBox/12
ADTRAN	Bluesocket 1935, Bluesocket 2035
AEROHIVE NETWORKS	AP245X
ARISTA	C-130E, C-230E
ARUBA	AP-228, AP-318, AP-518
D-LINK	DAP-2695
EXTREME NETWORKS	AP410e
FORTINET	AP832E, FAP-U323EV
HUAWEI	AP7110DN-AGN
JUNIPER NETWORKS	AP43E

XIRRUS

XA4-240

VARIANT: S7V.120.6NM

ACKSYS

RailTrack

ADTRAN

Bluesocket 1940

ALCATEL-LUCENT

Stellar AP1362

ARISTA

O-235E

ARUBA

AP-274, IAP-274

CISCO

AIR-CAP1552EU, AIR-CAP1552H, AIR-CAP1552WU, Catalyst 9124AXE

ENGENIUS

EWS860AP

EXTREME NETWORKS

AP 3865E, AP 7562

FORTINET

FAP-432F, FAP-432FR, FAP-S322C, FAP-S322CR, OAP832E

HUAWEI

AP8130DN, AP8130DN-W

JUNIPER NETWORKS

AP63E

MIST

AP63E

SIEMENS

6GK5788-2GD00-0AA0, 6GK5788-2GD00-0AB0, 6GK5788-2GD00-0TA0, 6GK5788-2GD00-0TB0

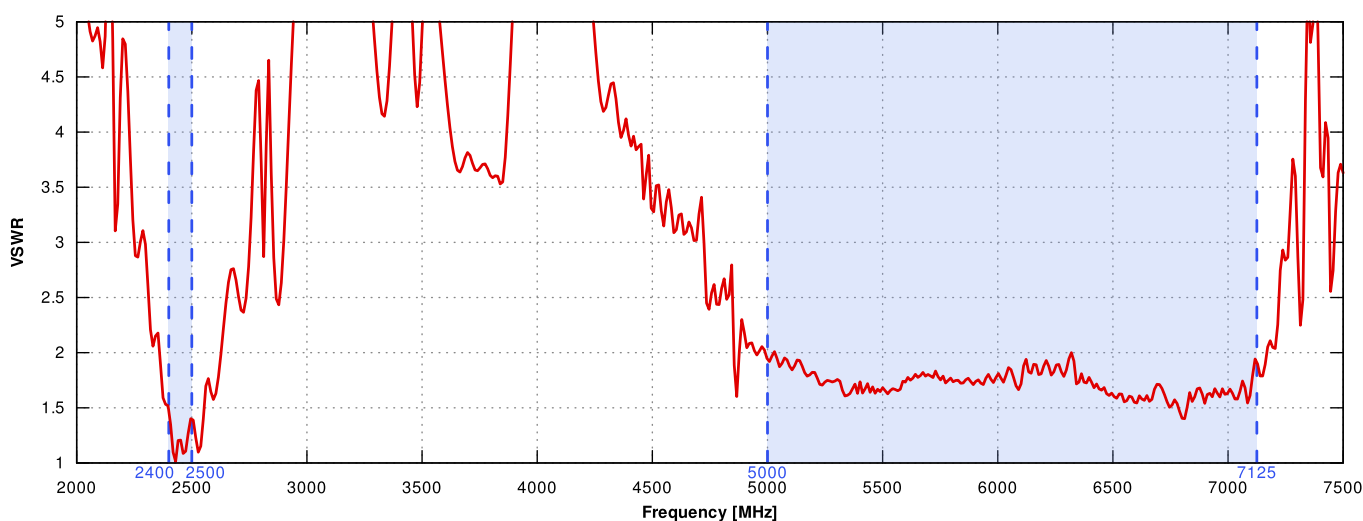
ZYXEL

WAX655E (AX5400)

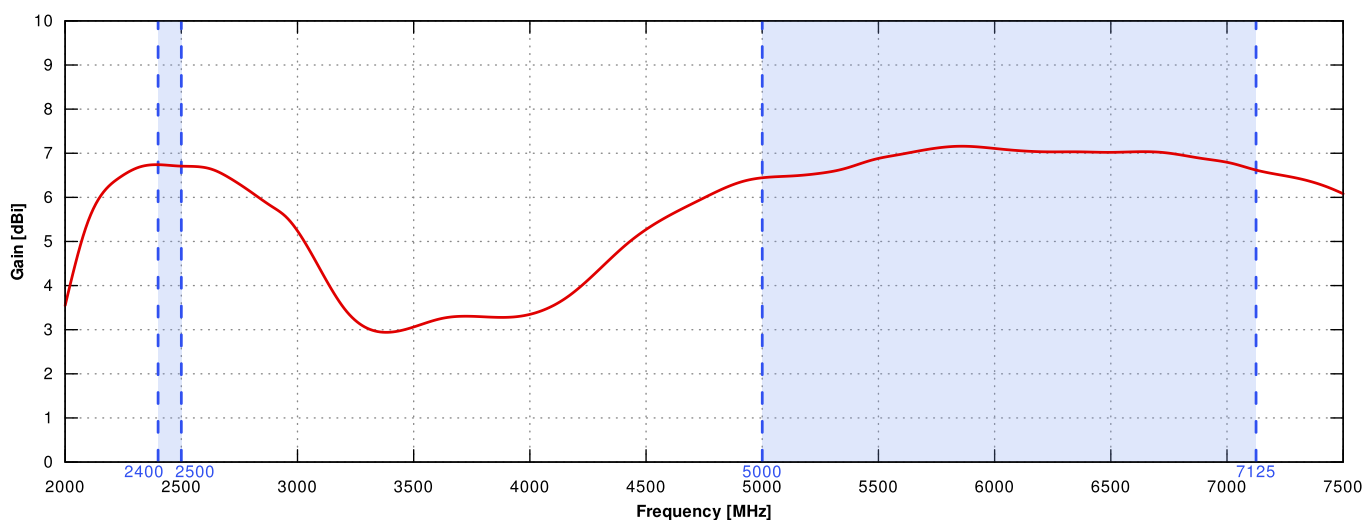
VARIANT: S7V.120.6RT

PLOTS

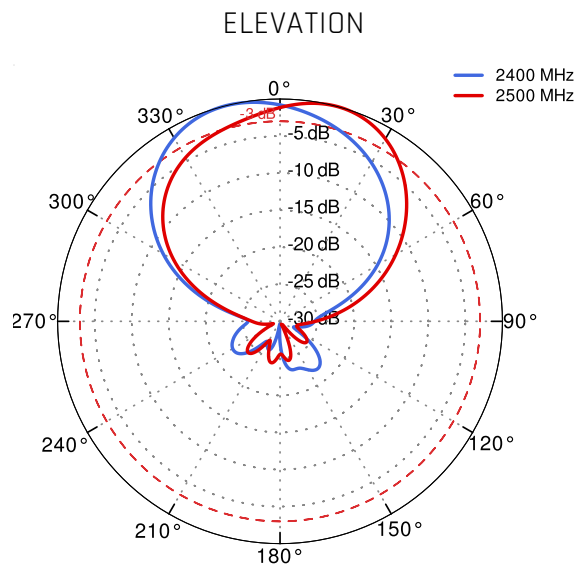
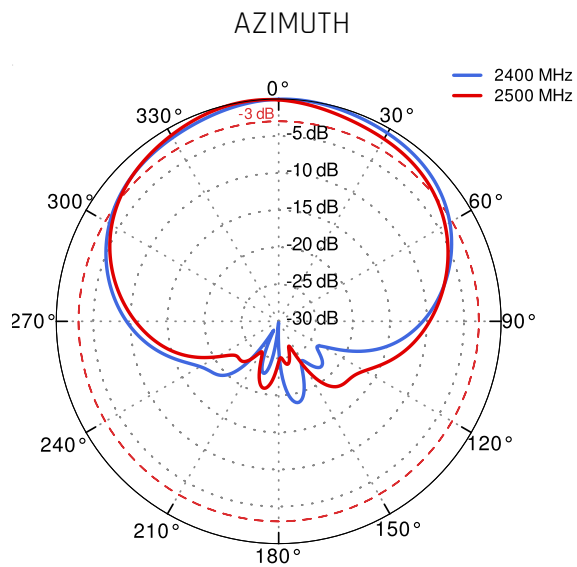
VSWR



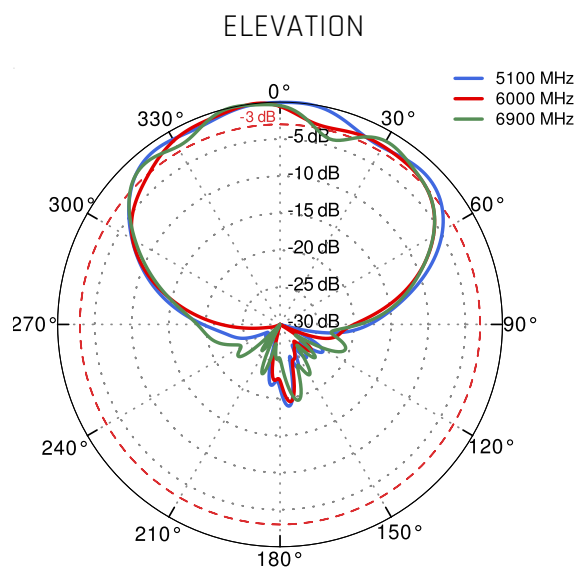
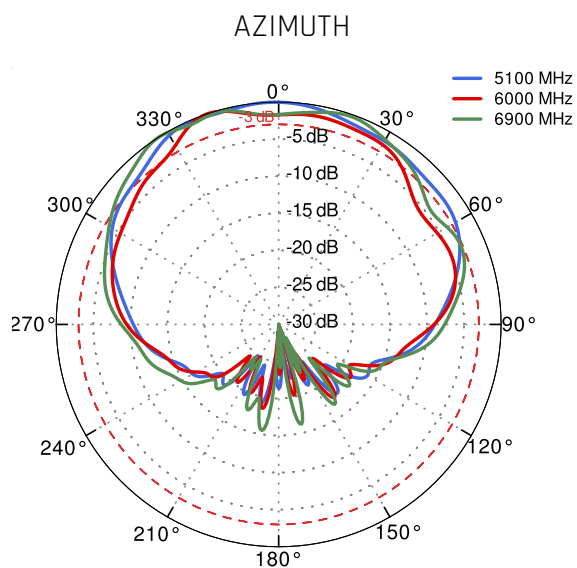
Gain



From 2.4GHz to 2.5GHz



From 5.1GHz to 6.9GHz



DIMENSIONS

